

10-19-1998

BOX ASSIGNMENTS



DO NOT USE FOR TRADEMARKS

10-8-98

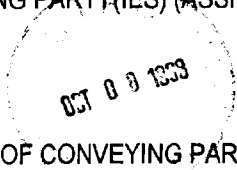
100855048

JULY

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

- 1. Nobutomo TAKAGI
- 2. Yasushi KANDA
- 3. Akihiro SASAKI
- 4. Tomohisa KISHIGAMI
- 5. Akihiro TANAKA
- 6. Hiroshi HONDA
- 7. Masato KUME
- 8. Kazunori SAKAI



ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 JAPAN

09, 121, 256

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

ASSIGNMENT OF WHOLE PART INTEREST

EXEC. DATE: 1), 2), & 3) July 15, 1998;
4) July 17, 1998; 5) July 21, 1998;
6) July 22, 1998; 7) & 8) July 23, 1998

CHANGE OF NAME VERIFIED TRANSLATION
 SECURITY MERGER OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1), 2), & 3) July 15, 1998; 4) July 17, 1998; 5) July 21, 1998; 6) July 22, 1998; 7) & 8) July 23, 1998

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1* INVENTOR if not in item 1	B. PATENT NO(S)	M#	1* INVENTOR if not in item 1
09/121,256	248967				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 248967 U3-9824-TS
MATTER NO. CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
UNDER ORDER NO 60388 248967
dup. sheet not required CLIENT NO. MATTER NO.

9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 3

Attorney: Glenn J. Perry
Reg. No. 28458
Atty/Sec: GJP/rgf

Date: October 8, 1998
TEL: (202) 861-3070 FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

USA Patent Appl.
Sole or Joint

For Inventions made outside USA
executed with or after application
Atty. Dkt. 248967 U3-9824-TS
M# Client Ref.

NONPROVISIONAL

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Nobutomo TAKAGI	(4) Tomohisa KISHIGAMI
(2) Yasushi KANDA	(5) Akihiro TANAKA
(3) Akihiro SASAKI	<input checked="" type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

DENSO CORPORATION
of 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

MULTIPLEX COMMUNICATION SYSTEM

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE --
(Complete
line A, B and/or C)

- (A) even date herewith
- (B) on July 15, 17, 21, 22 and 23, 1998
- (C) in U.S. Appl. No. 09 / 121,256 filed July 23, 1998

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE -- The undersigned hereby authorize(s) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1)	<u>Nobutomo Takagi</u> Name: Nobutomo Takagi	<u>July 15, 1998</u>	<u>Yoshinori Goto</u>
2)	<u>Yasushi Kanda</u> Name: Yasushi Kanda	<u>July 15, 1998</u>	<u>Yoshinori Goto</u>
3)	<u>Akihiro Sasaki</u> Name: Akihiro Sasaki	<u>July 15, 1998</u>	<u>Yoshinori Goto</u>
4)	<u>Tomohisa Kishigami</u> Name: Tomohisa Kishigami	<u>July 17, 1998</u>	<u>Yoshihiko Tatsutomi</u>
5)	<u>Akihiro Tanaka</u> Name: Akihiro Tanaka	<u>July 21, 1998</u>	<u>Masachika Kanijo</u>

IF ADDITIONAL INVENTORS, check box and continue on page 2.

ASSIGNMENT

(Continued from page 1)

LISTING OF ADDITIONAL INVENTORSINSERT
NAME(S) OF
INVENTOR(S)

(6) Hiroshi HONDA	(11)
(7) Masato KUME	(12)
(8) Kazunori SAKAI	(13)
(9)	(14)
(10)	(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6)	<u>Hiroshi Honda</u>	<u>July 22, 1998</u>	<u>Masachika Kamijima</u>
Name:	Hiroshi Honda		
7)	<u>Masato Kume</u>	<u>July 23, 1998</u>	<u>Masachika Kamijima</u>
Name:	Masato Kume		
8)	<u>Kazunori Sakai</u>	<u>July 23, 1998</u>	<u>Masachika Kamijima</u>
Name:	Kazunori Sakai		
9)	_____	_____	_____
Name:			
10)	_____	_____	_____
Name:			
11)	_____	_____	_____
Name:			
12)	_____	_____	_____
Name:			
13)	_____	_____	_____
Name:			
14)	_____	_____	_____
Name:			
15)	_____	_____	_____
Name:			